









Model	FOV HxV (deg)	Horizontal angular resolution (deg)	Vertical angular resolution (deg)	Min range (m)	Max range (m)	Accuracy (cm)	Scan rate (Hz)	Data interface	Power (W)	Voltage (V)	Mass (g)	Size (mm)
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Velodyne

 Puck	360x30	0.1	2	—	100 (@80%)	3	5–20	ETH	8	9–18	830	103x103x72
 Puck LITE	360x30	0.1	2	—	100 (@80%)	3	5–20	ETH	8	9–18	590	103x103x72
 Puck Hi-Res	360x20	0.1	1.33	—	100 (@80%)	3	5–20	ETH	8	9–18	830	103x103x72
 Alpha Prime	360x40	0.1	0.11	—	245	3	5–20	GigE	22	9–28	3500	166x16




Ouster






 OS0	360x90	0.18	1.4 (64 layer) 0.7 (128 layer)	0.5	75 (80%)	~2.5	10/20	GigE	28 max	12/24	445	87x74.2
 OS1	360x45	0.18	0.7 (64 layer) 0.35 (128 layer)	0.5	170 (80%)	~2.5	10/20	GigE	28 max	12/24	440	87x74.2
 OS2	360x22.5	0.18	0.35 (64 layer) 0.18 (128 layer)	0.8	350 (80%)	~5	10/20	GigE	30 max	9-34	1100	119.6x98.9
 OSDome	360x180	0.7	2.8 (64 layer) 1.4 (128 layer)	0.5	45 (80%)	~2	10/20	GigE	28 max	12/24	470	87x85.3

Valeo

 SCALA Gen 2	133x10.5	0.125 (inner) 0.25 (outer lobes)	0.6	0.5	200 (@80%) 100 (@10%)	10	25	ETH	< 10	9–14	750 (1150 w/ bracket)	68x150x107 (137x191x123)
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SICK

 LD-MRS400001	110x3.2	up to 0.125	0.8	0.5	50 (@10%) 150 (@90%)	10	12.5/25/50	ETH/CAN	8	9–27	1000	165x93x88
 LD-MRS800001	110x6.4	up to 0.125	0.8	0.5	50 (@10%) 150 (@90%)	10	6.25/12.5/25	ETH/CAN	8	9–27	1000	165x93x88
 LD-MRS400102	110x3.2	up to 0.125	0.8	0.5	30 (@10%) 90 (90%)	10	12.5/25/50	ETH/CAN	8	9–27	1000	165x93x88

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LD-MRS UAV 	110x3.2	up to 0.125	0.8	0.5	50 (@10%) 150 (@90%)	10	12.5/25/50	ETH/CAN	8	9–27	770	165x93x88
LMS111 	270	0.25/0.5	—	0.5	18 (@10%) 20 (max)	4	25/50	ETH/CAN	8	10.8–30	1100	105x102x152
LMS151 	270	0.25/0.5	—	0.5	18 (@10%) 50 (max)	4	25/50	ETH/CAN	8	10.8–30	1100	105x102x152
LMS500-21000 Lite 	190	0.25/0.5/1	—	0	26 (@10%) 80 (max)	4	25/35/50/75	ETH/CAN	22	24	3700	160x155x185
MRS1104C-111011 	275x7.5	0.25	2.5	0.2	16 (@10%) 30 (@90%)	3	50	ETH	13	10–30	1200	152x150x93

Disclaimer: Specifications are subject to change, without notice

Contact Hexagon | AutonomouStuff

info.as.ap@hexagon.com +1 309.291.0966

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